BRUHAT BANGALORE MAHANAGARA PALIKE

SCHEDULE-B

Name of Work :CONSTRUCTION OF SWD U SHAPE DRAIN AT ABBIGERE POLICE STATION ROAD TO JUICE FACTORY IN WARD NO.12

Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
1	2	3	4	5	6	7
1	Dismantling of existing like culverts, bridges, retaining walls and other structure comprising of mansory, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and staking the serviceble material with all lifts compelete as per specifications. C. Perstressed / **Reinforced cement concrete grade M-20 & above.** MORTH specification No. 202 as per engineer In Charege.	cum	85.60	1100.00	Rupees One Thousand One Hundred Only	94160.00
2	Dismantling of existing like culverts, bridges, retaining walls and other structure comprising of mansory, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and staking the serviceble material with all lifts compelete as per specifications. iii) **Dismantling Stone Masonry. B.Rubble stone masonry** in cement mortar. MORTH specification No. 202 as per engineer In Charege.	cum	13.50	300.00	Rupees Three Hundred Only	4050.00
3	Clearing and grubbing road lanf including uprooting rank vegetation, grass, bushes, shrubs, sapling and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications as per engineer In charge. II. By Mechanical Means: A. In area of light jungle.	Ha	0.20	9000.00	Rupees Nine Thousand Only	1829.70
4	**Diverdion of Water** course by providing coffer dams or bunds of islands as may be necessary for piped and abutments, foundations, bailing out or pumping water during excavation and untill completion etc., complete beyond 1.5m depth upto and including 3m depth as per engineer In Charge	cum	269.93	400.00	Rupees Four Hundred Only	107972.00

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Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
5	Earth work Excavation in Marshy soil for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per MORTH specification No.304 V. **upto 3m depth By mechanical means**	cum	2089.86	200.00	Rupees Two Hundred Only	417972.00
6	Earth work in Excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per MORTH specification No.304 B. in **Ordinary soil upto 3m depth(By mechanical means)**	cum	6324.81	60.00	Rupees Sixty Only	379488.60
7	Providing and filling in foundation with granite/trap broken metal of **100 MM and down size**, with approved sand including hand packing, ramming, watering, including cost of all materials and labour charges and with all lead and lift etc complete as per specification and the direction of the Engineer in charge	cum	954.03	2375.00	Rupees Two Thousand Three Hundred Seventy Five Only	2265821.25
8	Providing and Filling in foundation with granite I trap broken metal 100mm of available boulders with down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.specification. No. KBS as per engineer In Charge.	cum	8.10	900.00	Rupees Nine Hundred Only	7290.00
9	Plain Cement Concrete **1:2:4** with OPC cement @ 240 kgs, with 40mm and down size graded granite metal coarse aggregates @0.84 cum and fine aggregates @ 0.56cum, in open foundation including cost of all materials, labour, HOM curing, from works, scaffolding and centring complete as per Specification complete as Drawing and Technical Specifications. MORTH Specification No.1500, 1700 & 2100 as per engineer In Charge.	cum	584.57	5250.00	Rupees Five Thousand Two Hundred Fifty Only	3068992.50

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Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
10	Providing and laying Plain / Reinforced Cement Concrete design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008,**Open Foundation** complete as per Drawing and Technical Specification including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per Specifications. MORTH Specification No. 1500,1700 & 2100 as per engineer In Charge.	cum	1189.95	5400.00	Rupees Five Thousand Four Hundred Only	6425730.00
11	**KSRRB M2200-5.12.** Providing and laying Design mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregates @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 as per engineer In Charge. **- i) Upto 5m height (For Substrucrure)**	cum	1073.30	5750.00	Rupees Five Thousand Seven Hundred Fifty Only	6171475.00
12	Providing **weep holes** in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing force. Complete as per drawing and Technical Specifications including cost of materials, labour, HOM complete as per specifications. MORTH Specification No.2706 & 2200 as per engineer In Charge.	Mtr	528.33	150.00	Rupees One Hundred Fifty Only	79249.50
13	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications as per engineer In Charge.	cum	8513.77	125.00	Rupees One Hundred Twenty Five Only	1064221.25

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during ... beyond 1.5m depth upto and including 3m depth as per

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Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
14	Providing & fixing 250 mm wide, 20 mm thick compressible **fibre board** in expansion joint complete as per drawing & Technical Specification including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 2605 as per engineer In Charge.	Mtr	251.90	100.00	Rupees One Hundred Only	25190.00
15	Providing and laying of **Filter media** with granular materials /stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MORTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification including cost of materials, labour, HOM complete as per specifications.MORTH Specification No. 2504.2.2	cum	191.83	1750.00	Rupees One Thousand Seven Hundred Fifty Only	335702.50
16	Providing and laying Plain / Reinforced Cement Concrete in **open foundation wih OPC design mix M30** @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 complete as per Drawing and Technical Specification including cost of all materials, labour, HOM curing, form works, scaffolding and centeringcomplete as per Specifications. MORTH Specification No. 1500,1700 & 2100 as per engineer In Charge.	cum	492.60	5750.00	Rupees Five Thousand Seven Hundred Fifty Only	2832450.00
17	Providing and laying Design mix M30 with OPC @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per **specifications as per engineer In Charge.** **i) Upto 5m height (For Substrucrure)**	cum	341.22	6000.00	Rupees Six Thousand Only	2047320.00

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during ... 1.5m depth upto and including 3m depth as per

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Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
18	Providing and Placing Reinforced / Prestressed cement concrete in **Super-Structure** as per drawing and Technical Specification complete as per specifications. C. RCC with OPC cement design mix M30 @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008,including cost of materials, labour, HOM, curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 1500,1600 & 1700. Height upto 5 m as per engineer In Charge.	cum	509.93	7250.00	Rupees Seven Thousand Two Hundred Fifty Only	3696992.50
19	**KSRRB M2200-6.** Providing **T.M.T. steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.MORTH Specification No.1600 & 2200 TMT Bars Fe 500 (For Sub Structure) as per engineer In Charge.	MT	295.41	88000.00	Rupees Eighty Eight Thousand Only	25996080.00
20	Providing **T.M.T. steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 1600 & 2200 -do- TMT Bars Fe 500 (For Super Structure)	MT	56.09	90000.00	Rupees Ninety Thousand Only	5048100.00
21	Reinforced cement concrete **M30 Approach slab** including reinforcement @ 70 kg/cum and formwork complete as per drawing and Technical specification including cost of materials, labour, HOM complete as perspecifications as per engineer In Charge. MORTH Specification No.1500, 1600, 1700 & 2704	cum	81.15	11000.00	Rupees Eleven Thousand Only	892650.00

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...5m depth upto and including 3m depth as per

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Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
22	**KSRRB M2300-16**. Providing and laying Cement concrete **wearing coat with OPC** cement design mix M30 @ 360 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes@ 0.46cum, and reinforcement at 75 kg/cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of reinforcement complete as per drawing and Technical Specifications including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 2702 (Item no 32.8 & Page No 247)	cum	50.18	11000.00	Rupees Eleven Thousand Only	551980.00
23	Providing and applying painting in **two coats with plastic emulsion paint** of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. With Primer (Item no 15.51.2 & Page No 119)	Sqm	10.59	90.00	Rupees Ninety Only	953.10
24	Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials, labour, HOM complete as per specifications. as per engineer In Charge.	Mtr	669.35	900.00	Rupees Nine Hundred Only	602415.00

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...out or pumping water ...avation and until completion etc., complete	Cum	269.93	425.52			

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Sl no.	Description	Unit	Qty.	Sanctioned Rate in Rs.		Amount in Rs
				Rate in Figures	Rates in Words	
25	Providing and fixing **M.S. Block pipe of 38mm dia**, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting,and scaffolding wherever necessary with all lead and lift as directed by the Engineer- in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications as per engineer In Charge.	Mtr	5334.80	400.00	Rupees Four Hundred Only	2133920.00
26	Providing **chain link fencing 50mm size of 8 guage** properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per thedirections of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications as per engineer In Charge.	Sqm	1667.13	745.00	Rupees Seven Hundred Forty Five Only	1242011.85
	Total					65494016.75

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